

ABSTRACT OF THE DISCLOSURE

An interactive reporting and modifying system and method for notifying clients of changes within a computer network, while allowing the clients to dynamically alter selected configuration, control, diagnostic, status and other network parameters. Applications and processes within the computer network first register with a process manager. A persistent, continuous connection allows a client to receive and display notifications from the process manager following the registration of new applications and processes. A topology server similarly notifies the client of the addition or removal of new devices. Thereafter, the client may request a configuration, control, diagnostic or debug object from a selected application or process or device. The requested object or a representation thereof is displayed and may be manipulated by the client, thereby modifying its variables. These modifications are then dynamically implemented at the respective application or process or device.

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